

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1. (Cancelled)

2. (Currently amended) AThe power generating and control system according to Claim 19, wherein said generator comprises an alternator driven by said engine.

3. (Currently amended) AThe power generating and control system according to Claim 19, wherein said vehicle comprises a hybrid vehicle, and said generator includes a motor generator with driving and power generating functions directly connected to an output shaft of said engine.

4-5. (Cancelled)

6. (Currently amended) AThe power generating and control system according to Claim 19, wherein said main battery comprises a 12 volt system battery, and said sub-battery comprises a capacitor.

7. (Cancelled)

8. (Currently amended) AThe power generating and control system ~~for a vehicle having an engine and a generator driven by said engine, said power generating and control system controlling the power generating state of the generator, and comprising: a deceleration detector for detecting deceleration of the vehicle; a first power supply comprising a main battery for the vehicle connected in every~~

~~operating state to said generator; a second power supply comprising a sub-battery for the vehicle, said sub-battery being connected to said generator only when a power supply connecting condition is satisfied; and a switching arrangement preventing said generator from generating power when a charge quantity of said second power supply is greater than a predetermined value when said engine is restarted after deceleration of said vehicle and vehicle stoppage according to Claim 9, wherein said vehicle includes an automatic stop/startup system, wherein said engine is automatically stopped when an automatic stop condition is satisfied during engine idling, and wherein said engine is automatically started and said switching arrangement is employed when an automatic startup condition is satisfied when said engine is stopped.~~

9. (Original) A power generating and control system for a vehicle having an engine and a generator driven by said engine, said power generating and control system controlling a power generating state of the generator and comprising: a deceleration detector for detecting deceleration of the vehicle; a first power supply comprising a main battery for the vehicle connected in every operating state to said generator; a second power supply comprising a sub-battery for the vehicle, said second power supply being connected to said generator only when a power supply connecting condition is satisfied; and a switching arrangement preventing said generator from generating power when a charge quantity of said second power supply is greater than a predetermined value.

10. (Original) A power generating and control system for a vehicle having an engine and a generator driven by said engine, said power generating and control system controlling a power generating state of the generator and comprising: a

deceleration detector arrangement for detecting deceleration of the vehicle; a first power supply comprising a main battery for the vehicle connected in every operating state to said generator; a second power supply comprising a sub-battery for the vehicle connected to said generator only when a power supply connecting condition is satisfied; a first switch section for connecting said generator and said second power supply only when said power supply connecting condition is satisfied; a second switch section for connecting said first and second power supplies only when a second said power supply connecting condition is satisfied; and a switching arrangement controlling said first and second switch sections so that said generator and said second power supply are not connected when said first and second power supplies are connected.

11. (Original) The power generating and control system of Claim 10, wherein said main battery is connected in every operating state to receive power from said generator and in other operating states to receive power from or send power to said generator.

12. (Cancelled)

13. (Currently amended) The power generating and control system of Claim ~~12~~9, wherein an idle switch is turned on and fuel is cut to said engine during deceleration of the vehicle.

14. (Currently amended) The power generating and control system of Claim ~~12~~9, wherein, after said vehicle decelerates and said vehicle stops, said ~~alternator~~generator continues to apply charge to said sub battery.

15-19. (Cancelled)

20. (Currently amended) The power generating and control system of Claim ~~199~~, wherein said vehicle is a non-hybrid vehicle.

21. (New) The power generating and control system of Claim 9, wherein said switching arrangement senses when said power supply connecting condition is satisfied.

22. (New) The power generating and control system of Claim 21, wherein said power supply connecting condition is satisfied when said deceleration detector detects deceleration of said vehicle.

23. (New) The power generating and control system of Claim 10, wherein said switching arrangement senses when said power supply connecting condition is satisfied.

24. (New) The power generating and control system of Claim 23, wherein said power supply connecting condition is satisfied when said deceleration detector arrangement detects deceleration of said vehicle.

25. (New) The power generating and control system of Claim 10, wherein said vehicle comprises a hybrid vehicle.

26. (New) The power generating and control system of Claim 10, wherein said vehicle comprises a non-hybrid vehicle.